

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053639.D
 Acq On : 19 May 2022 23:29
 Operator : CG/JU
 Sample : N2877-12 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P007-SS017-0006-01

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/20/2022
 Supervised By : Jagrut Upadhyay 05/20/2022

Quant Time: May 20 03:58:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	42038	20.000	ng	0.00
21) Naphthalene-d8	10.890	136	166511	20.000	ng	0.00
39) Acenaphthene-d10	14.702	164	111979	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	228907	20.000	ng	0.00
76) Chrysene-d12	21.728	240	192749	20.000	ng	# 0.00
86) Perylene-d12	25.012	264	173740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	17429m	7.036	ng	0.01
7) Phenol-d6	7.254	99	26307m	6.998	ng	0.01
23) Nitrobenzene-d5	9.239	82	17935m	4.585	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	7554m	4.574	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	40416	5.274	ng	0.00
79) Terphenyl-d14	20.054	244	53028	5.124	ng	0.00

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

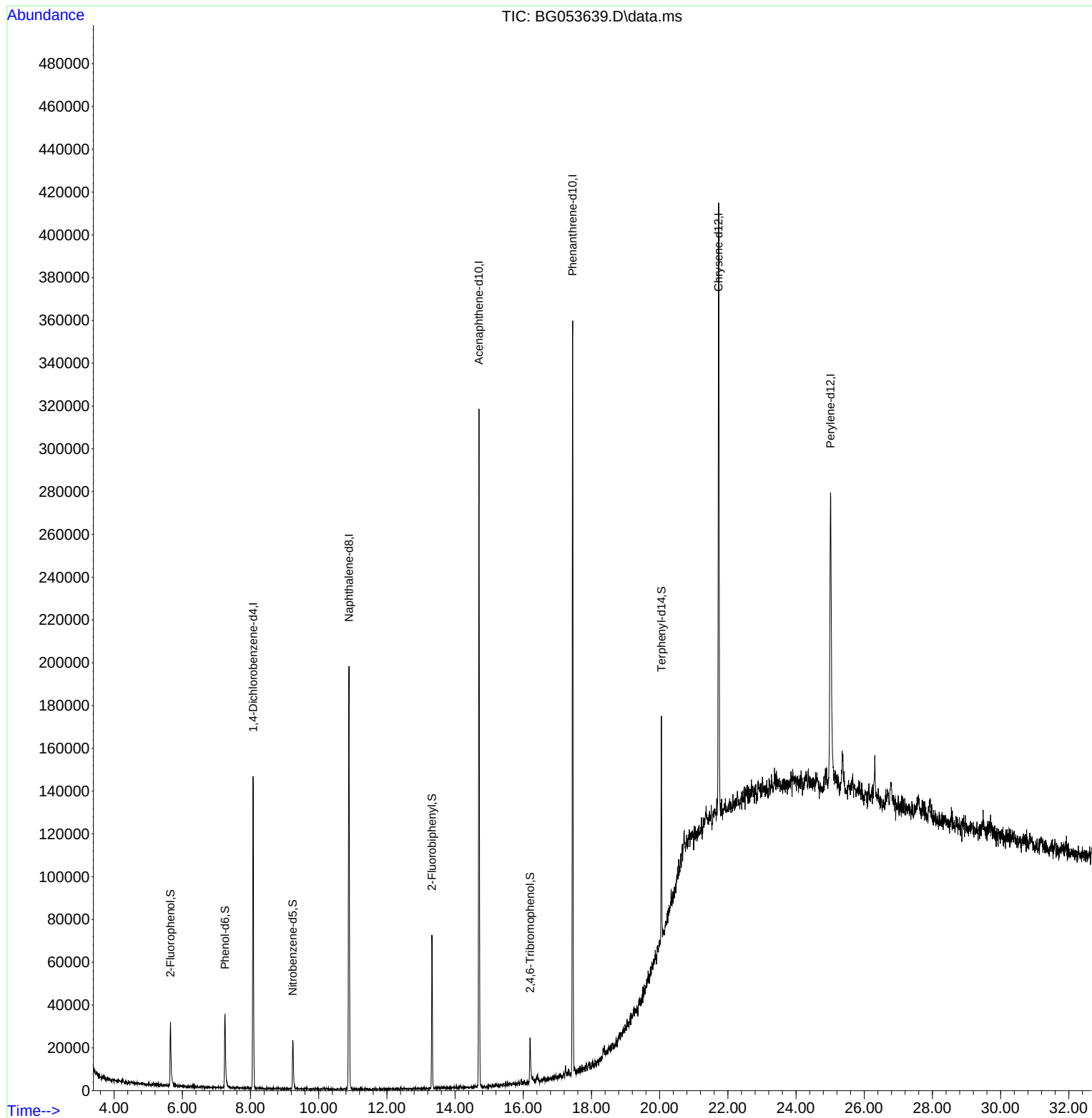
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
Data File : BG053639.D
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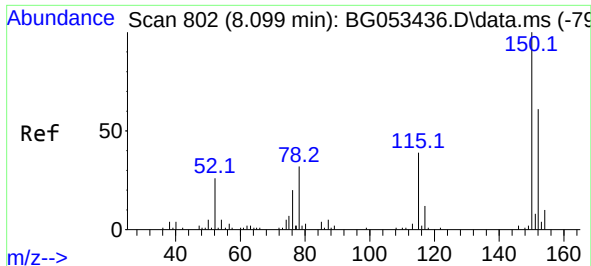
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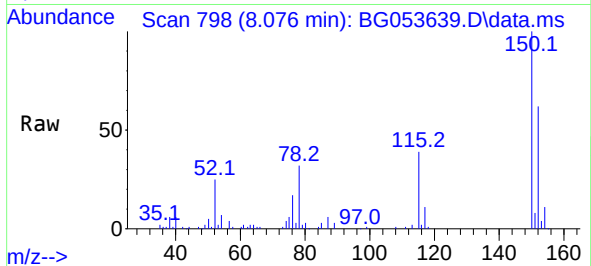
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 798
Delta R.T. 0.001 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

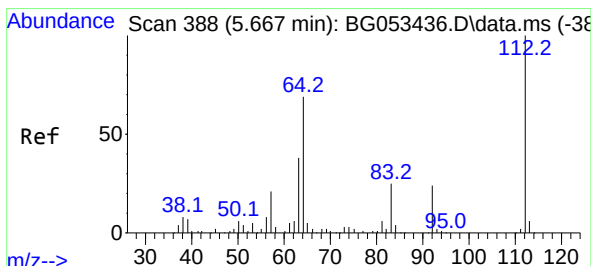
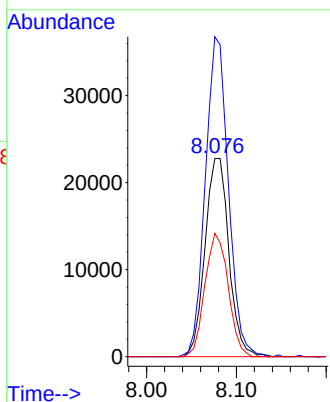
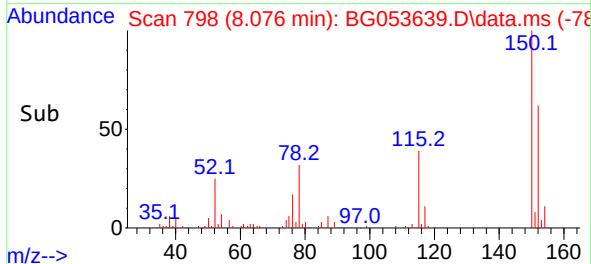
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ClientSampleId :
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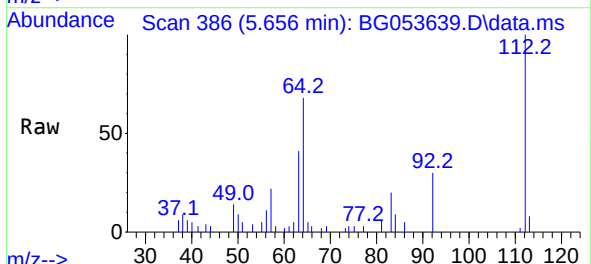
Tgt Ion:152 Resp: 42038
Ion Ratio Lower Upper
152 100
150 161.4 131.6 197.4
115 62.2 50.9 76.3

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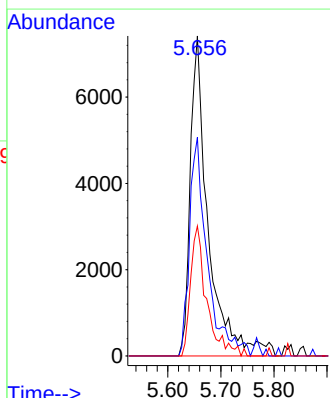
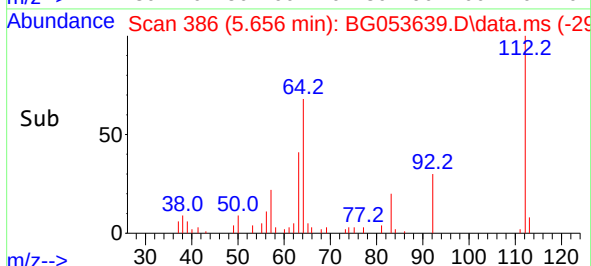
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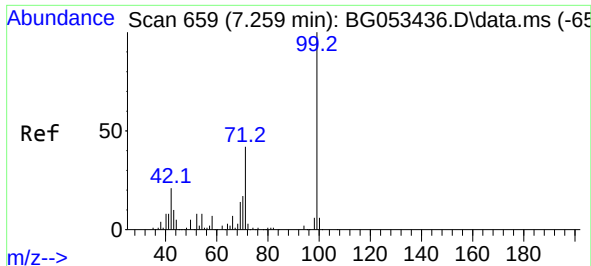


#5
2-Fluorophenol
Concen: 7.036 ng m
RT: 5.656 min Scan# 386
Delta R.T. 0.013 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29



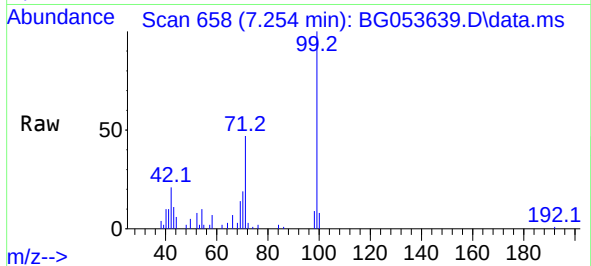
Tgt Ion:112 Resp: 17429
Ion Ratio Lower Upper
112 100
64 68.3 55.1 82.7
63 40.6 30.4 45.6





#7
Phenol-d6
Concen: 6.998 ng m
RT: 7.254 min Scan# 61
Delta R.T. 0.013 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

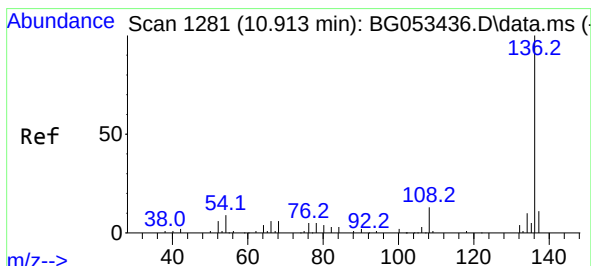
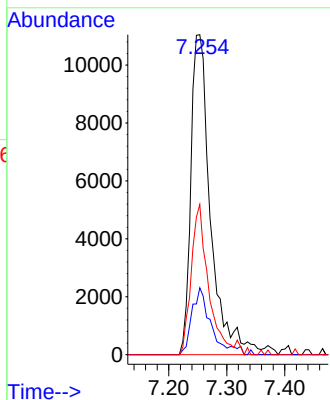
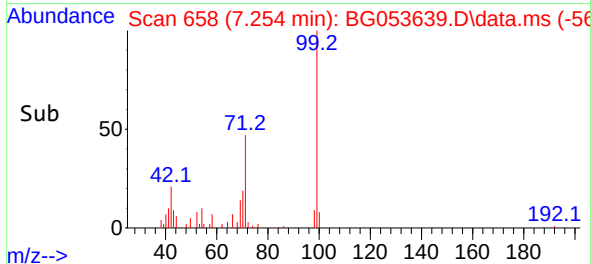
Instrument :
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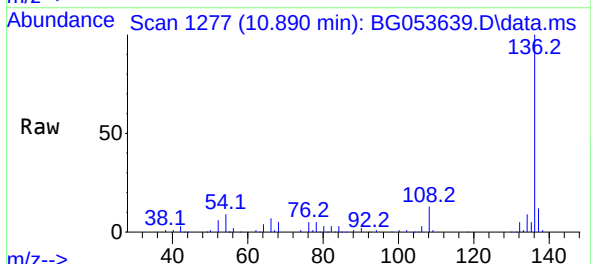
Tgt Ion: 99 Resp: 2630
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 47.0 33.8 50.8

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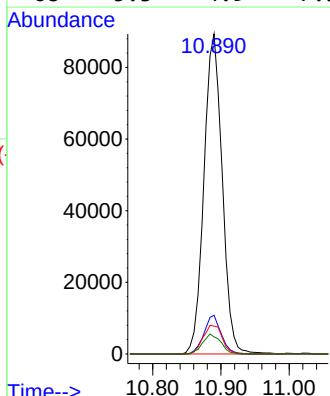
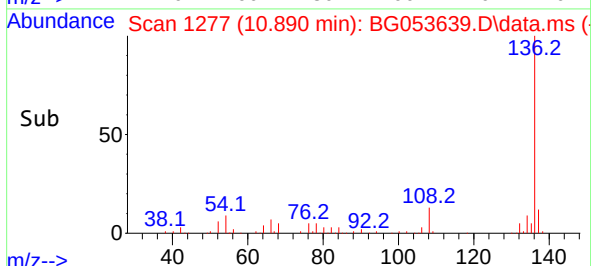
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

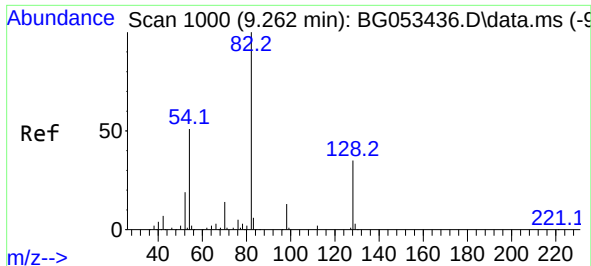


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 1277
Delta R.T. 0.007 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29



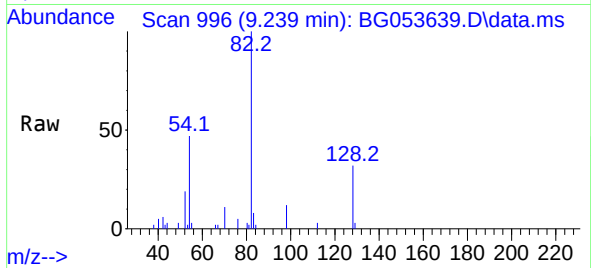
Tgt Ion:136 Resp: 166511
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 8.7 7.4 11.2
68 5.3 4.9 7.3





#23
Nitrobenzene-d5
Concen: 4.585 ng m
RT: 9.239 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

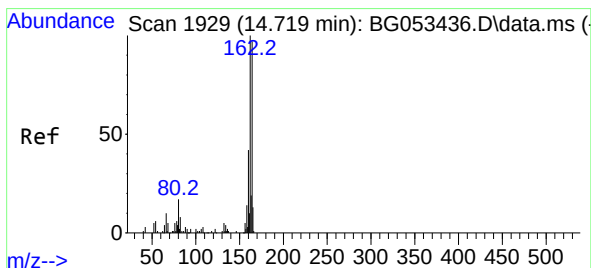
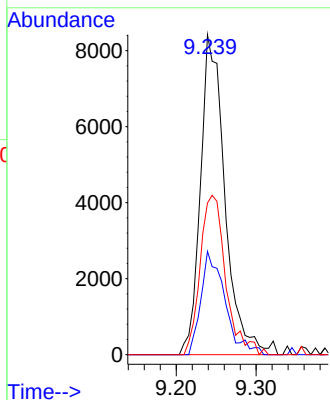
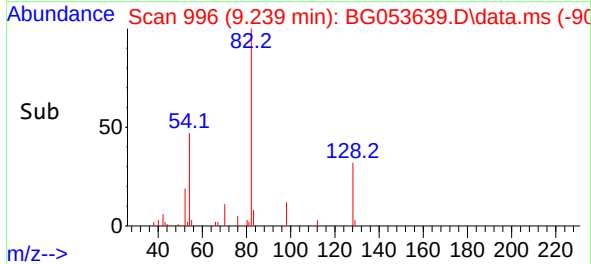
Instrument :
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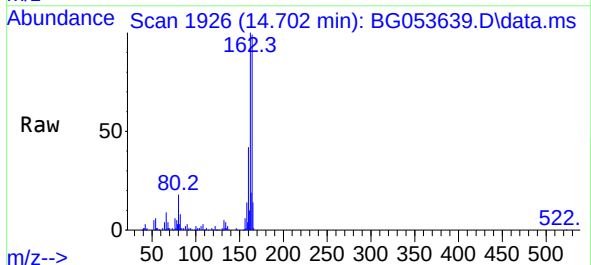
Tgt Ion: 82 Resp: 17938
Ion Ratio Lower Upper
82 100
128 32.3 27.9 41.9
54 47.4 41.2 61.8

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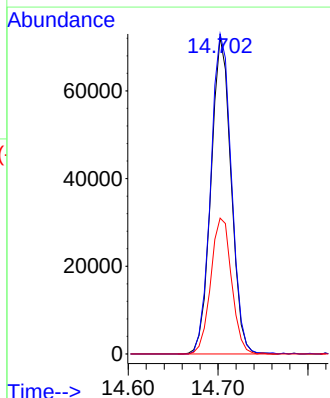
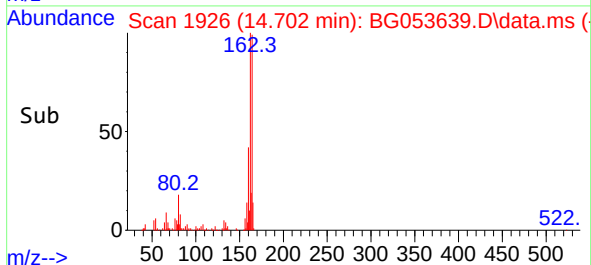
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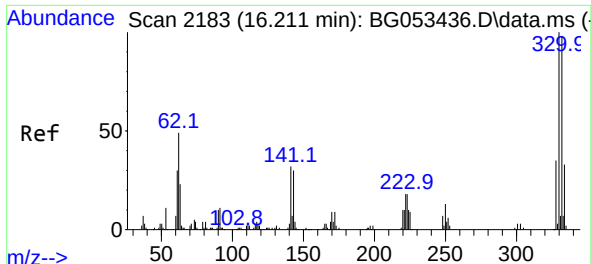


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.702 min Scan# 1926
Delta R.T. 0.001 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29



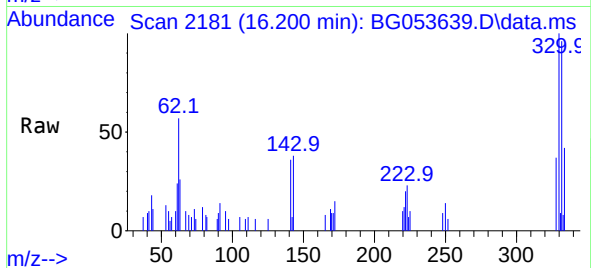
Tgt Ion:164 Resp: 111979
Ion Ratio Lower Upper
164 100
162 101.0 82.3 123.5
160 42.9 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 4.574 ng m
RT: 16.200 min Scan# 2183
Delta R.T. 0.007 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

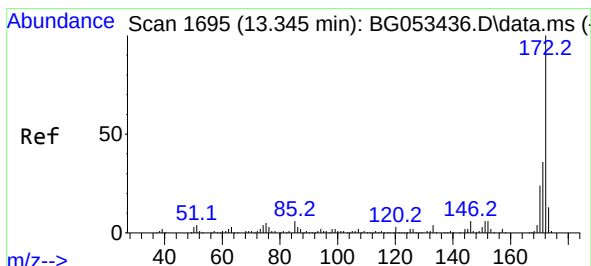
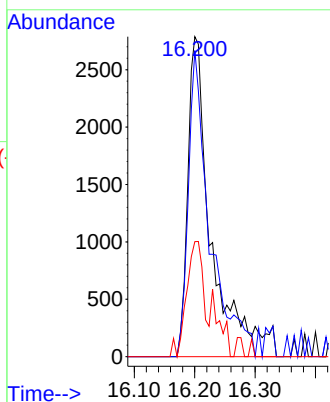
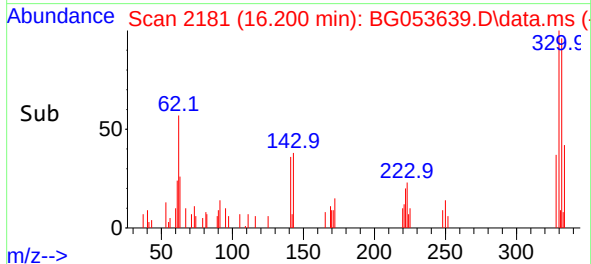
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ClientSampleId :
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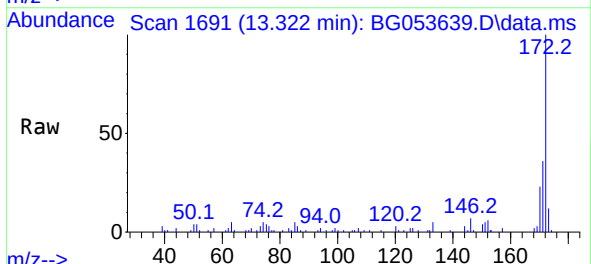
Tgt Ion:330 Resp: 7554
Ion Ratio Lower Upper
330 100
332 79.4 76.0 114.0
141 26.2 27.1 40.7

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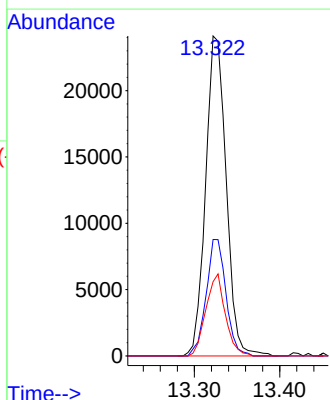
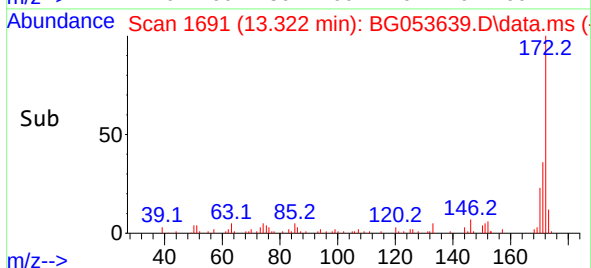
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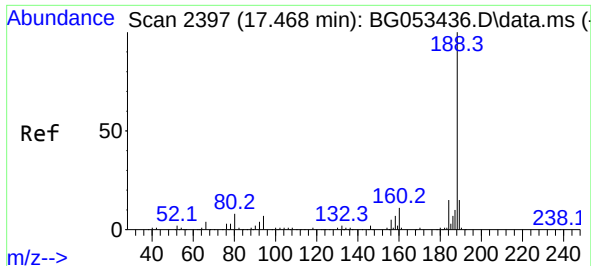


#45
2-Fluorobiphenyl
Concen: 5.274 ng
RT: 13.322 min Scan# 1691
Delta R.T. -0.005 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29



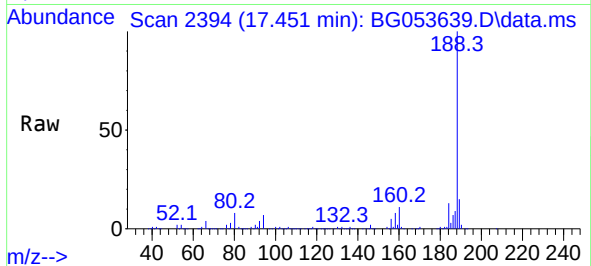
Tgt Ion:172 Resp: 40416
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.2 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29

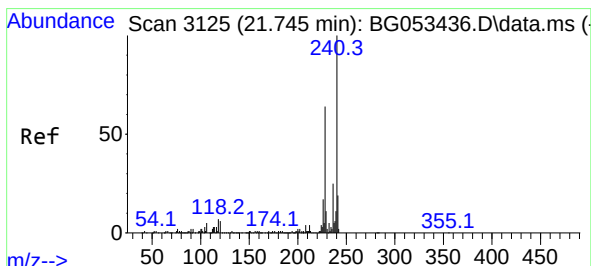
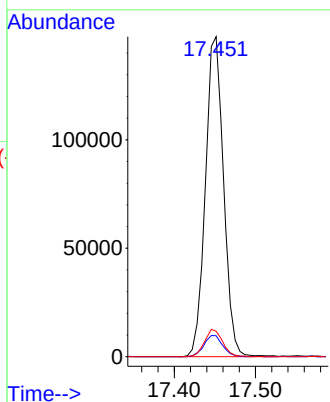
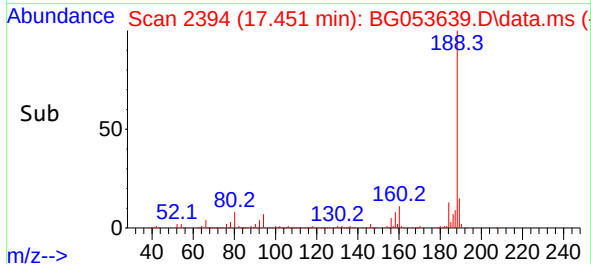
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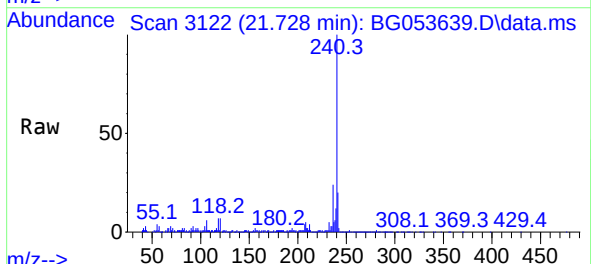
Tgt Ion:188 Resp: 22890
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 7.9 6.8 10.2

Manual Integrations
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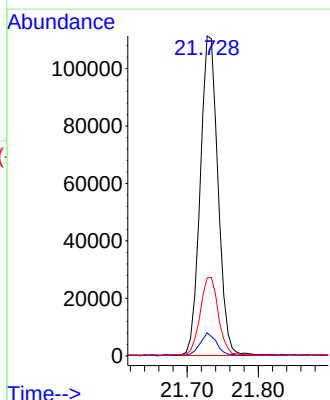
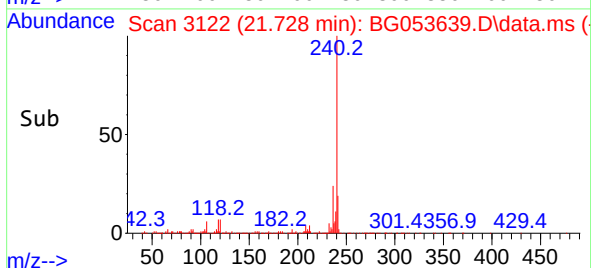
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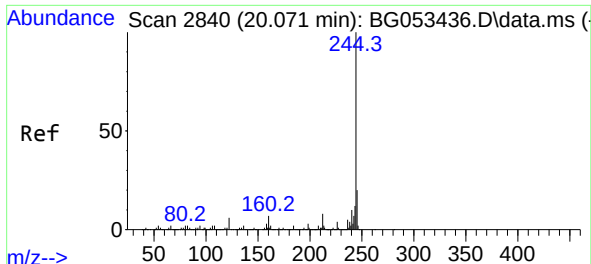


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.005 min
Lab File: BG053639.D
Acq: 19 May 2022 23:29



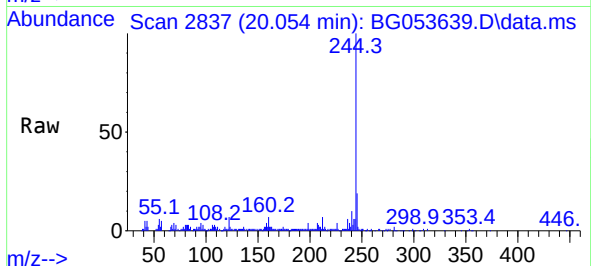
Tgt Ion:240 Resp: 192749
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 24.4 20.2 30.4





#79
 Terphenyl-d14
 Concen: 5.124 ng
 RT: 20.054 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053639.D
 Acq: 19 May 2022 23:29

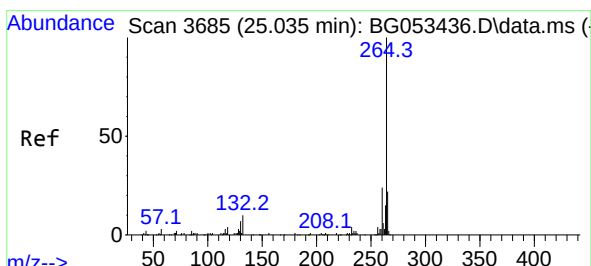
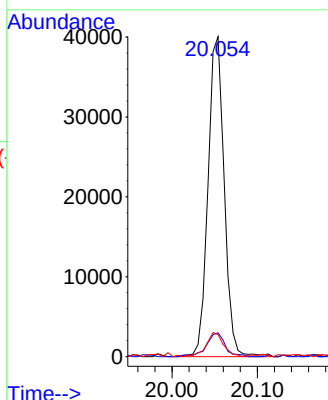
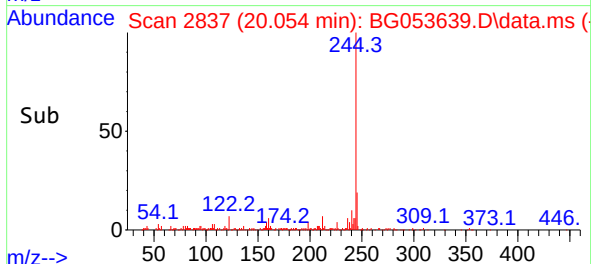
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Tgt Ion:244 Resp: 53028
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.9 5.0 7.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. 0.007 min
 Lab File: BG053639.D
 Acq: 19 May 2022 23:29

Tgt Ion:264 Resp: 173740
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.3 17.4 26.2

